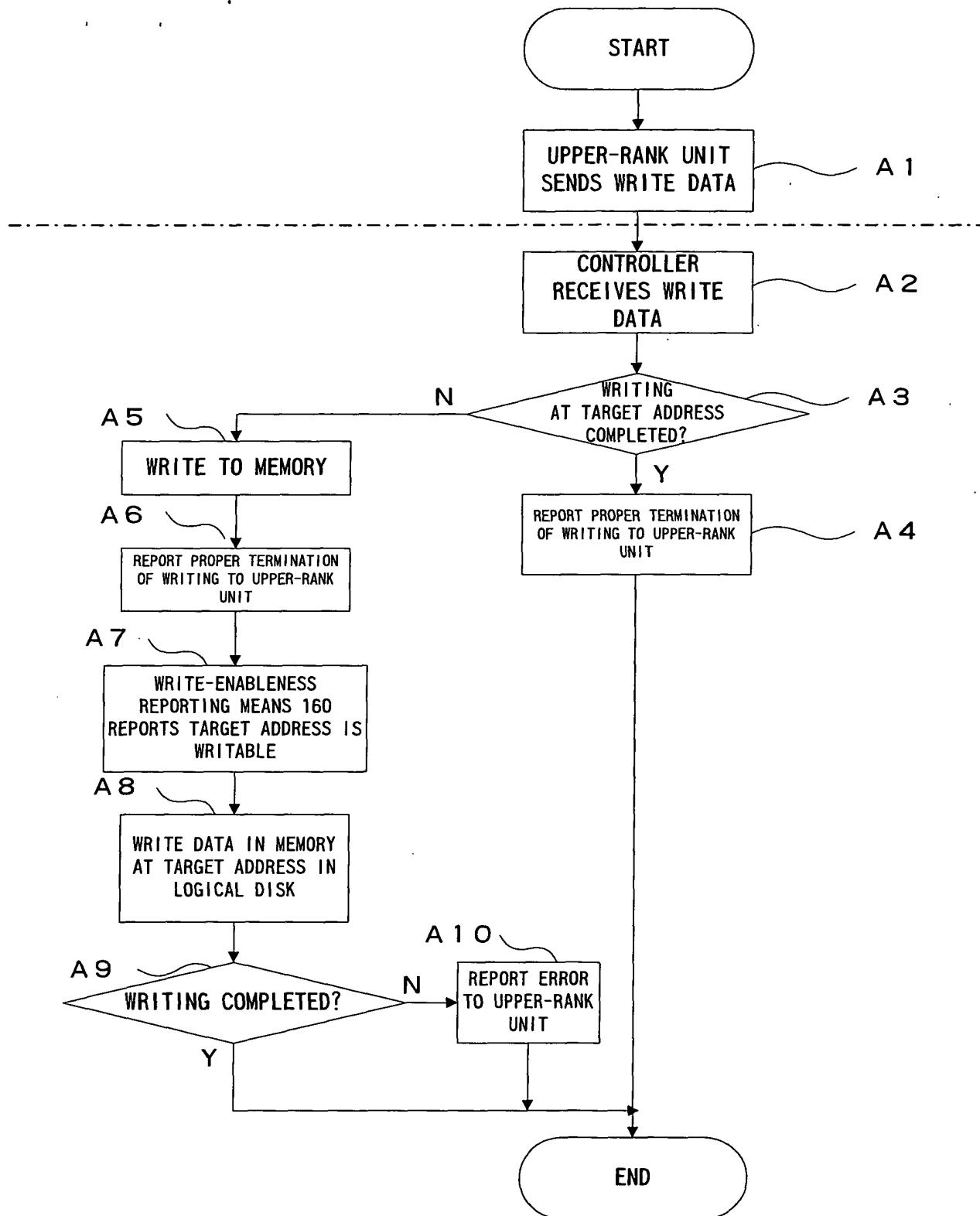


FIG. 1

**Hajime HARASHIMA**  
**"Data Writing Apparatus, Data Writing/Reading Apparatus, Data**  
**Writing Method and Data Writing/Reading Method"**  
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**FIG.2**

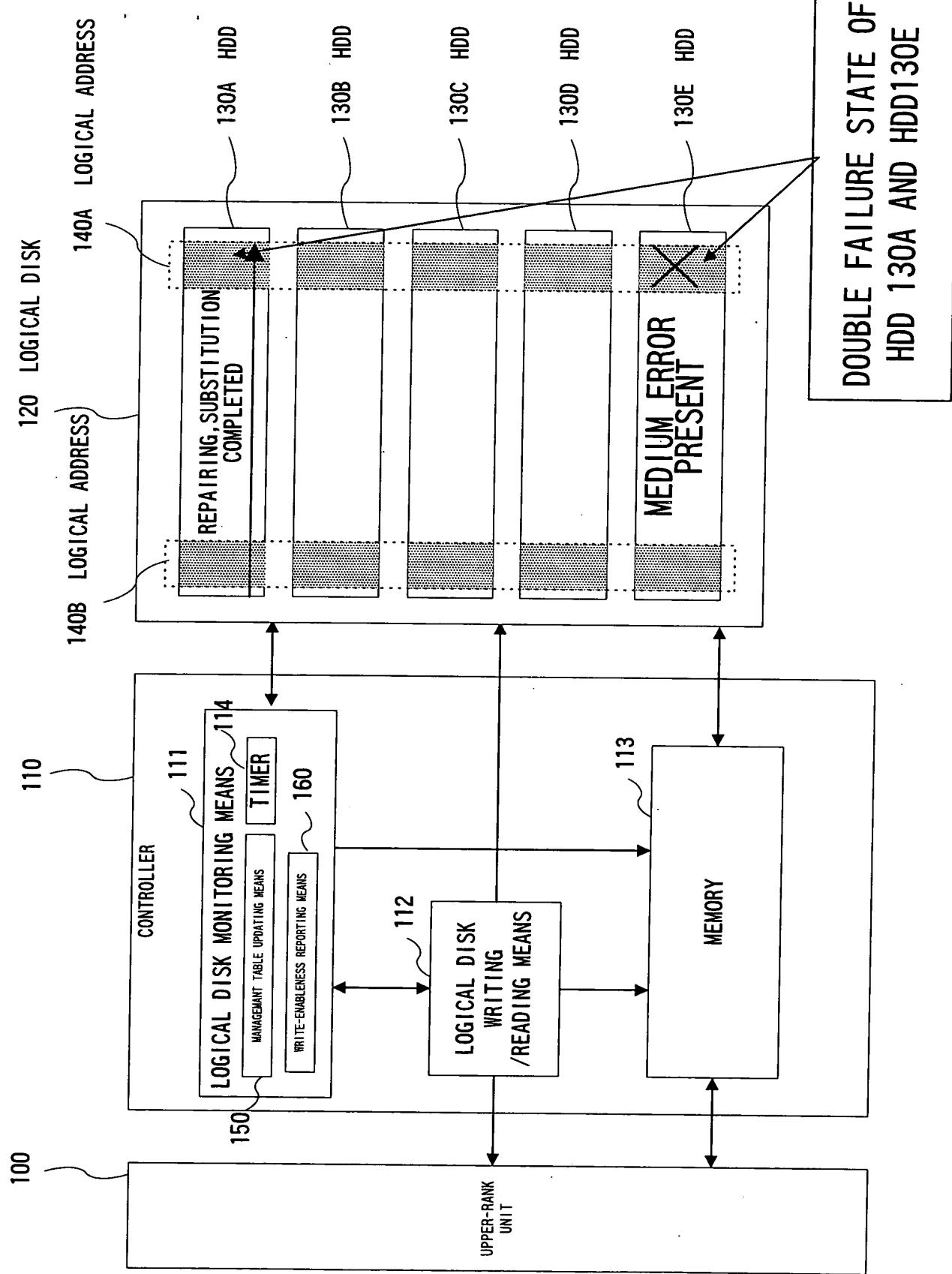


FIG. 3

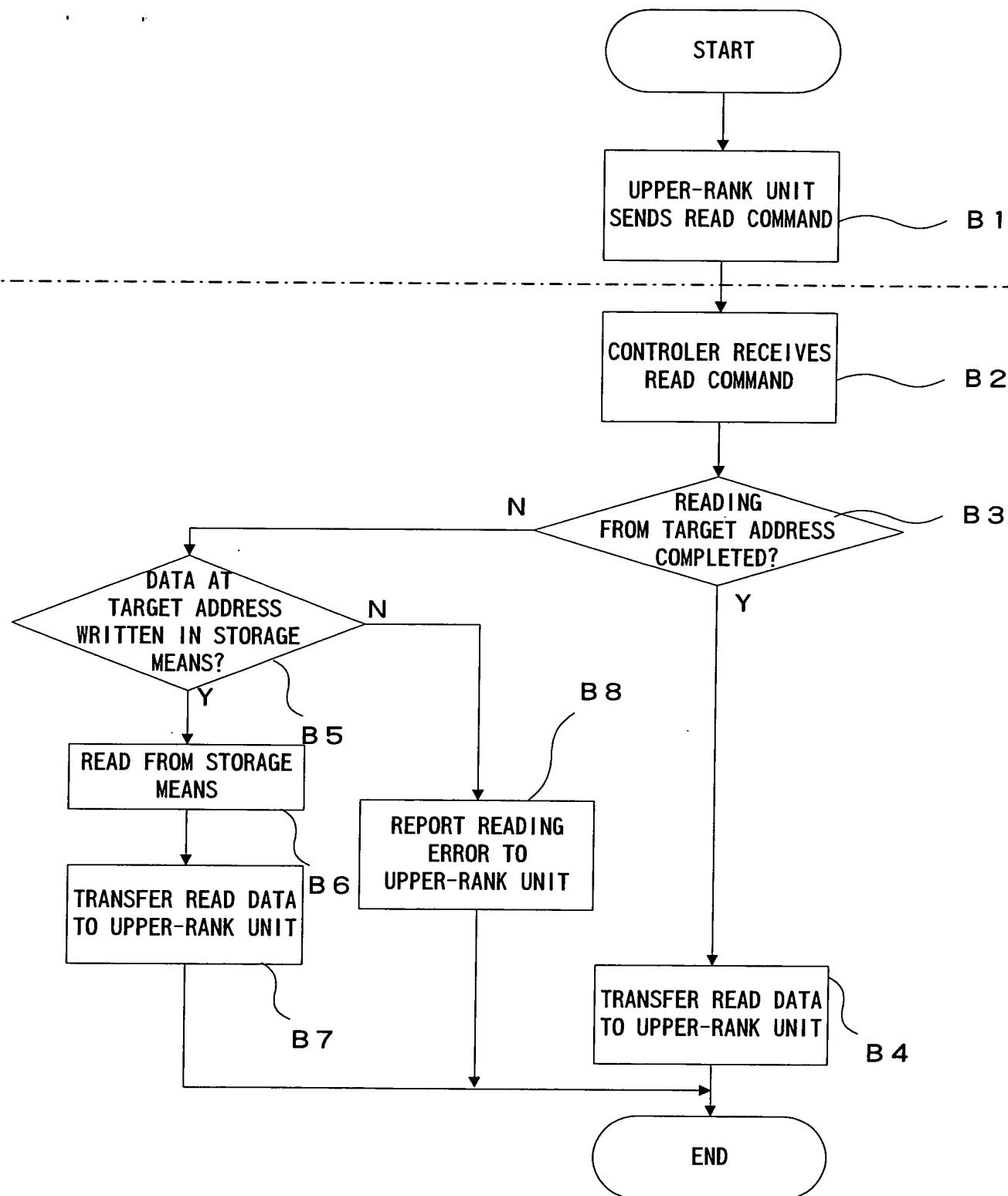


FIG.4

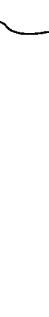
Hajime HARASHIMA

"Data Writing Apparatus, Data Writing/Reading Apparatus, Data  
Writing Method and Data Writing/Reading Method"

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MANAGEMENT TABLE 151



LOGICAL ADDRESS	...	1 4 0 B	...	1 4 0 A	...
1. Repair					
2. REASSIGN DONE/UNDONE					
3.	Read			Write	

FIG. 5

LOGICAL ADDRESS	14OA
	Repair skip
	Reassign OK
	READ NG
	WRITE OK

FIG. 6

LOGICAL ADDRESS	1 4 0 B		
	Repair OK		
	2. REASSIGN DONE/UNDONE		
3. Read / Write	READ OK	WRITE OK	

FIG. 7

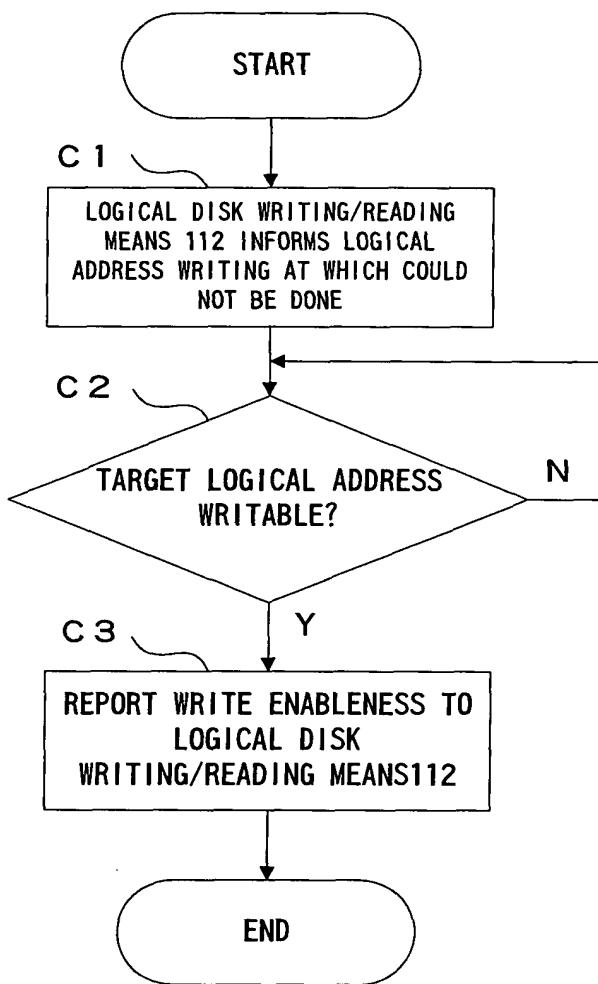


FIG.8

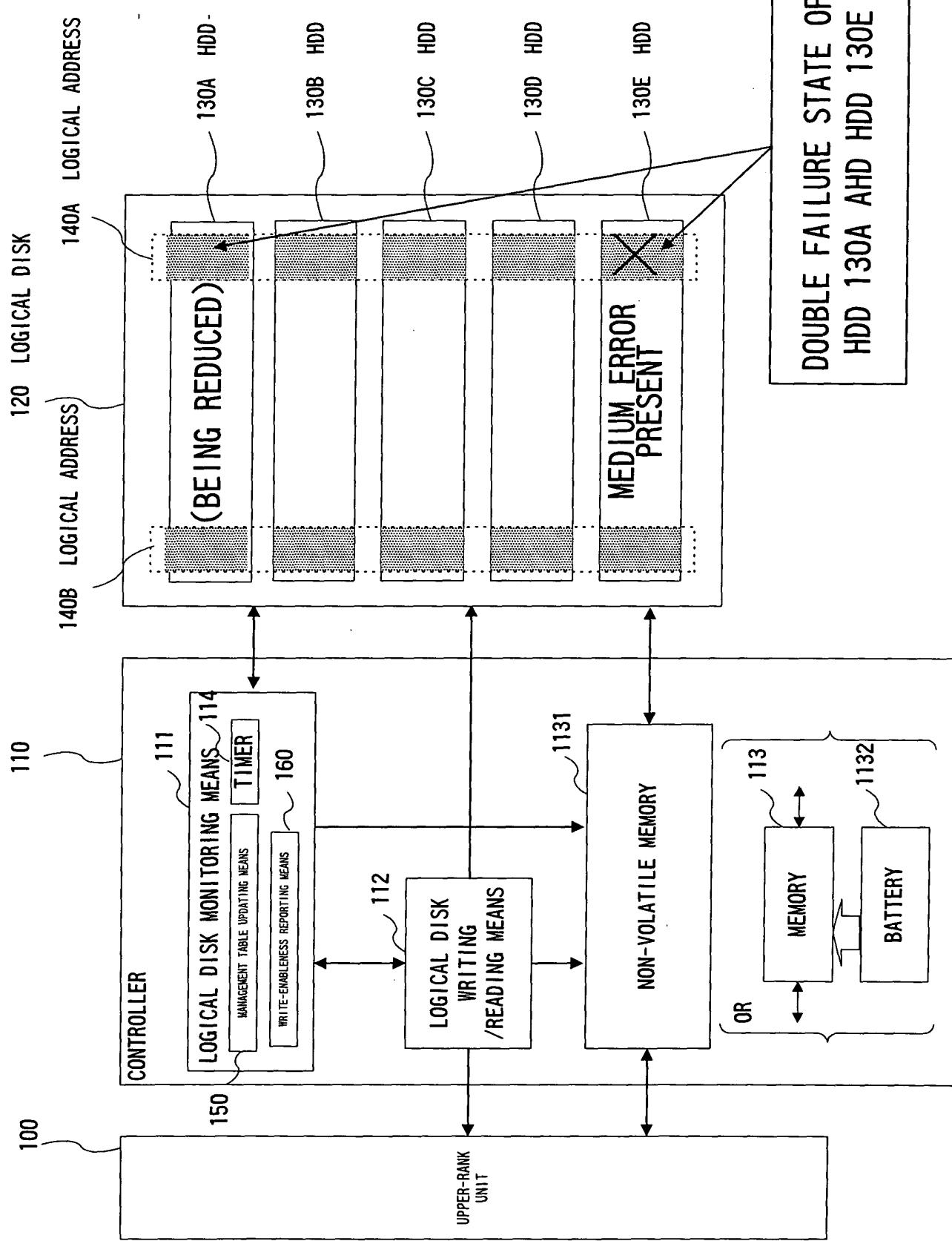


FIG. 9

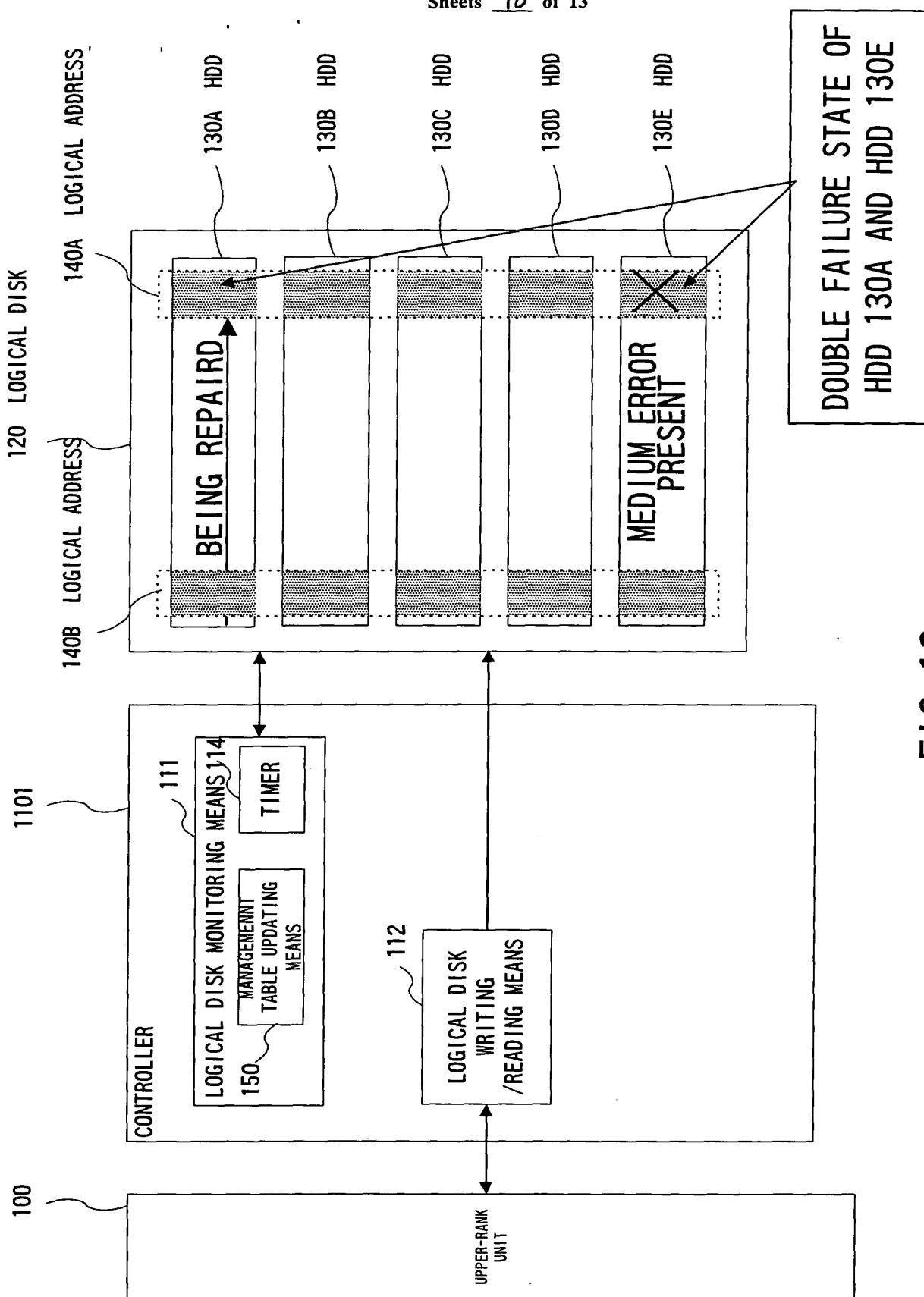


FIG. 10

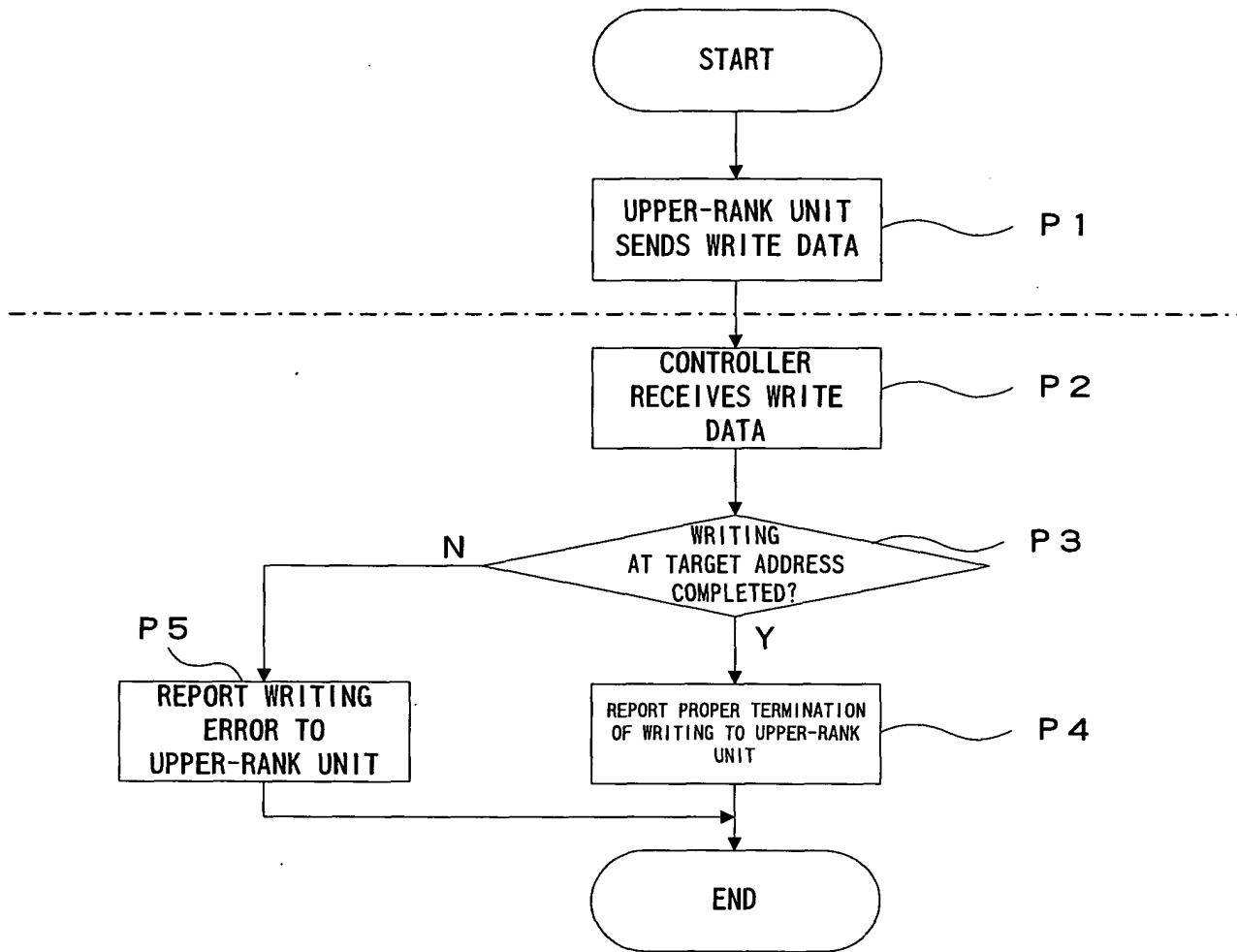


FIG.11

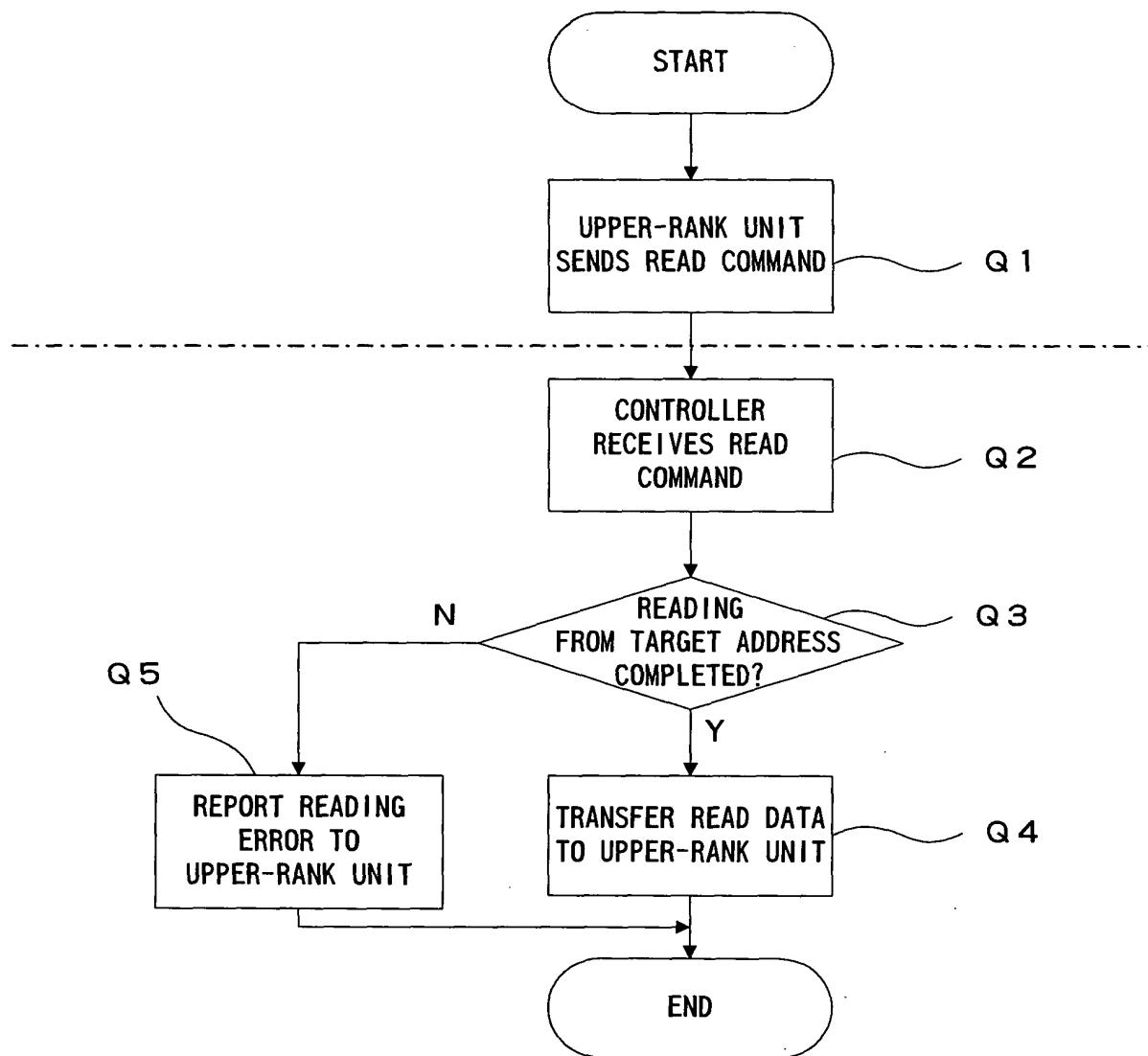


FIG.12

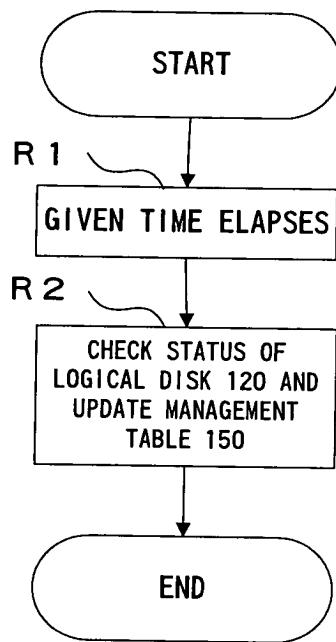


FIG.13